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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On January 12, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: Jerry M. Marshall

PATENT

Attorney Docket No.: 023070-111900US

Client Ref. No.: SF2001-019-1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Colin Collins et al.

Application No.: 09/586,529

Filed: May 31, 2000

For: END SEQUENCE PROFILING

Customer No.: 20350

Confirmation No. 6021

Examiner: Borin, M.

Technology Center/Art Unit: 1631

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed September 12, 2003, please enter the following amendments and remarks. A petition to extend the time for response for one month, from December 12, 2003 to January 12, 2004, accompanies this Amendment. An exhibit also accompanies this Amendment.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.